

EPOSIR[®] F 556

PRODUCT DATA SHEET

RE/F556/039801/1

Description

Medium viscosity liquid epoxy resin: blend of a Bisphenol A resin and a Bisphenol F resin.

Applications

Used for: adhesive - solvent free and high solids coating, mortars etc.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	170 - 185	g/eq.	ISO 3001
Viscosity at 25°C	6000 - 8000	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.17	g/cm ³	ASTM D 1475

Supply Form

- Drums 220 kg
- Bulk.

Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

Safety

The product is not flammable and we haven't noticed any toxic effects.
Further advice is given in the safety data sheet.

Eposir[®]: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

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EPOSIR[®] F 598

PRODUCT DATA
SHEET
REM/F598/010701/1

Description

Standard Bisphenol F based liquid epoxy resin.

Applications

To be used alone or in mixture with Bisphenol A based epoxy resins in combination with curing agents such as: polyamines-polyamides or their adducts to produce high-solid or solvent borne protective coatings for civil engineering and anticorrosion.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	169 – 179	g.	ISO 3001
Viscosity at 25°C	3500 – 5500	mPa.s.	ASTM D 0445
Colour	3 max	Gardner scale	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.17	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

Safety

The product is not flammable and we haven't noticed any toxic effects.
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EPOSIR® F 599

PRODUCT DATA
SHEET
REM/F599/011501/1

Description

Polyfunctional low viscosity epoxy novolak.

Applications

To be used alone or in mixture with Bisphenol A based epoxy resins in combination with curing agents such as: polyamines-polyamides or their adducts to produce high-solid or solvent borne protective coatings for civil engineering and anticorrosion. Suggested for higher chemical resistances of cured coatings.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	170 – 185	g.	ISO 3001
Viscosity at 25°C	8000 – 12000	mPa.s.	ASTM D 0445
Colour	4 max	Gardner scale	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.18	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

Safety

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EPOSIR[®] F 602/IM

PRODUCT DATA SHEET

RE/F602IM/050501/1

Description

Medium viscosity Bisphenol A/F based liquid epoxy resin, with low crystallisation tendency. (Lower viscosity than Eposir F 556).

Applications

Eposir F 602/IM is suitable for application in Civil Engineering and for the formulation of solventless protective coatings.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 - 190	g/eq.	ISO 3001
Viscosity at 25°C	5000 - 7000	mPa.s.	ASTM D 0445
Colour	2 max	Gardner Sc..	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.16	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays at temperature ranging from 15 to 30 °C. In these conditions it is stable for one year.

Safety precautions

The product is not flammable and we haven't noticed any toxic effects. Further advice is given in the safety data sheet

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EPOSIR® F 730

PRODUCT DATA SHEET

REM/730/110101/1

Description

Medium viscosity Bisphenol A/F based liquid epoxy resin, with low crystallisation tendency. (Lower viscosity than Eposir F 556 and F 602/T).

Applications

Eposir F 730 is suitable for application in Civil Engineering and for the formulation of solventless protective coatings.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 - 185	g/eq.	ISO 3001
Viscosity at 25°C	4000 - 5000	mPa.s.	ASTM D 0445
Colour	2 max	Gardner Sc..	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.17	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays at temperature ranging from 15 to 30 °C. In these conditions it is stable for one year.

Safety precautions

The product is labelled as irritant and we haven't noticed any toxic effects. Further advice is given in the safety data sheet

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EPOSIR[®] F 740

PRODUCT DATA SHEET

RE/F740/079801/1

Description

Low viscosity Bisphenol A/F based liquid epoxy resin, modified with mono-functional reactive diluent.

Applications

Eposir F 740 is suitable for formulation of industrial floorings, mortars, grouts, adhesives and high-solids coatings.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	190 – 210	g/eq.	ISO 3001
Viscosity at 25°C	800 – 1100	mPa.s.	ASTM D 0445
Colour	2 max	Gardner Sc..	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.14	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays at temperature ranging from 15 to 30 °C. In these conditions it is stable for one year.

Safety precautions

The product is not flammable and we haven't noticed any toxic effects. Further advice is given in the safety data sheet.

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EPOSIR® F 745

PRODUCT DATA
SHEET
REM/F745/100703/1

Description

Liquid epoxy resin based blend of a Bisphenol A and F resin, modified with aliphatic bi-functional reactive diluent. Low viscosity. Very low tendency to crystallise in the storage.

Applications

Eposir F 745 is suitable in combination with polyamines, polyaminoamides and their adducts, for the formulation of putties, epoxy-coal tar, industrial flooring and high-solid anticorrosion coatings.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 - 190	g.	ISO 3001
Viscosity at 25°C	500 - 700	mPa.s.	ASTM D 0445
Colour	2 max	Gardner Sc.	ASTM D 1544

Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.14	g/cm ³	ASTM D 1475

Supply Form

- Drums - 220 Kg.
- Bulk

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

Safety

The product is labelled as Irritant and Dangerous for the environment. We have not noticed any toxic effects.

Further advice is given in the safety data sheet.

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